

Docket No. GRP-0099



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andersen et al. )  
Serial No.: 10/528,927 ) Group Art Unit:  
Filing Date: 3/23/2005 ) Examiner:  
For: BIODEGRADABLE CHEWING GUM )  
COMPRISING AT LEAST ONE )  
HIGH MOLECULAR WEIGHT )  
BIODEGRADABLE POLYMER )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By: 

Roberta L. Pelletier  
Registration No. 46,372

Date: August 26, 2005  
Customer No. 23413  
Telephone No. (860) 286-2929

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

GRP-0099

In Re Application Of

Andersen et al.

AUG 29 2005

Application No.

Filing Date

Examiner

Customer No.

Group Art Unit

Confirmation No.

10/528,927

3/23/2005

23413

Title: **BIODEGRADABLE CHEWING GUM COMPRISING AT LEAST ONE HIGH MOLECULAR WEIGHT BIODEGRADABLE POLYMER**

Address to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. <b>GRP-0099</b>	
In Re Application of: <b>Andersen et al.</b>					
Application No. <b>10/528,977</b>	Filing Date <b>3/23/2005</b>	Examiner	Customer No. <b>23413</b>	Group Art Unit	Confirmation No.
Title: <b>BIODEGRADABLE CHEWING GUM COMPRISING AT LEAST ONE HIGH MOLECULAR WEIGHT BIODEGRADABLE POLYMER</b>					
<div style="text-align: center;"> <b>Payment of Fee</b>          (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))       </div> <p> <input type="checkbox"/> A check in the amount of _____ is attached.       </p> <p> <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <b>06-1130</b> as described below.       </p> <div style="margin-left: 40px;"> <input type="checkbox"/> Charge the amount of _____  <input type="checkbox"/> Credit any overpayment.  <input checked="" type="checkbox"/> Charge any additional fee required.       </div> <p> <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.       </p> <p> <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b> </p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;"><b>Certificate of Transmission by Facsimile*</b></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           _____            (Date)         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           _____            Signature         </div> <div style="border: 1px solid black; padding: 5px;">           _____            Typed or Printed Name of Person Signing Certificate         </div> </div> <div style="width: 45%;"> <p style="text-align: center;"><b>Certificate of Mailing by First Class Mail</b></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           August 26, 2005            (Date)         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">             Signature of Person Mailing Correspondence         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           Rebecca L. Blake            Typed or Printed Name of Person Mailing Certificate         </div> </div> </div> <p> <b>*This certificate may only be used if paying by deposit account.</b> </p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p style="text-align: center;">             Signature         </p> <p> <b>Roberta L. Pelletier</b>  <b>Registration No. 46,372</b>  <b>Customer No. 23413</b>  <b>Telephone No. 860-286-2929</b> </p> </div> <div style="width: 45%;"> <p>Dated: <b>August 26, 2005</b></p> </div> </div> <p style="margin-top: 20px;">CC:</p>					

PTO-1449		Attorney's Docket Number GRP-0099		Serial Number 10/528,927	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <b>LIST OF ITEMS</b> (Use several sheets if necessary)		Name of Applicant Andersen et al.			
		Filing Date 3/23/2005		Group Art Unit	
U.S. PATENT DOCUMENTS					
Examiner Initial & TR.	Document Number	Date	NAME	Class	Filing Date If Appropriate
	3,440,060	4/22/1969	Rife et al.		
	4,057,537	11/8/1977	Sinclair		
	4,671,967	6/9/1987	Patel et al.		
	4,753,805	6/28/1988	Cherukuri et al.		
	4,882,168	11/21/1989	Casey et al.		
	5,429,827	7/4/1995	Song et al.		
	5,523,098	6/4/1996	Synosky et al.		
	5,530,074	6/25/1996	Jarrett et al.		
	5,610,266	3/11/1997	Buchholz		
	5,672,367	9/30/1997	Grijpma et al.		
	5,866,179	2/2/1999	Testa		
	6,013,287	1/11/2000	Bunczek et al.		
	6,153,231	11/28/2000	Li et al.		
	6,190,773	2/20/2001	Imamura et al.		
	6,194,008	2/27/2001	Li et al.		
	6,322,806	11/27/2001	Ream et al.		
	6,441,126	8/27/2002	Cook et al.		
EXAMINER				DATE CONSIDERED	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.					

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<b>PTO-1449</b>			<b>Attorney's Docket Number</b> GRP-0099		<b>Serial Number</b> 10/528,927	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>LIST OF ITEMS</b>			<b>Name of Applicant</b> Andersen et al.			
(Use several sheets if necessary)			<b>Filing Date</b> 3/23/2005		<b>Group Art Unit</b>	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>						
<b>Examiner Initial</b>	<b>Document Number</b>	<b>Date</b>	<b>NAME</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date If Appropriate</b>
	US 2001/002998	6/7/2001	Ream et al.			
	US 2004/0115305	6/17/2004	Andersen et al.			
	US 2004/0142066	7/22/2004	Andersen et al.			
	US 2004/0146599	7/29/2004	Andersen et al.			
	US 2004/0156949	8/12/2004	Andersen et al.			
	US 2004/0180111	9/16/2004	Andersen et al.			
<b>FOREIGN PATENT DOCUMENTS</b>						
	<b>Document Number</b>	<b>Date</b>	<b>COUNTRY</b>	<b>Class</b>	<b>Subclass</b>	<b>TRANSLATION YES NO</b>
	WO 2004/028268	08.04.2004	PCT			X
	WO 2004/028269	08.04.2004	PCT			X
	WO 2004/028267	08.04.2004	PCT			X
	WO 2004/028265	08.04.2004	PCT			X
	WO 2004/028270	08.04.2004	PCT			X
	EP 0 151 344	1985-8-14	European			X
	EP 0 258 780	1988-3-09	European			X
	EP 0 415 656	1991-3-6	European			X
	EP 0 500 098	1992-8-26	European			X
	EP 0 558 965	1993-9-8	European			X
	EP 1 066 759	2001-1-10	European			X
	EP 1 306 013	2003-5-2	European			X
	JP 08-196214	06.08.1996	Japanese			X
	WO 00/25598	11.05.00	PCT			X
	WO 00/35296	22.06.00	PCT			X
	WO 00/35297	22.06.00	PCT			X
	WO 01/01788	11.01.2001	PCT			X
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>		
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<b>FOREIGN PATENT DOCUMENTS</b>						
	Document Number	Date	COUNTRY	Class	Subclass	TRANSLATION YES NO
	WO 01/54512	02.08.2001	PCT			X
	WO 02/051258	04.07.2002	PCT			X
	WO 02/076227	03.10.2002	PCT			X
	WO 02/076228	03.10.2002	PCT			X
	WO 02/076229	03.10.2002	PCT			X
	WO 02/076230	03.10.2002	PCT			X
	WO 02/076231	03.10.2002	PCT			X
	WO 02/076232	03.10.2002	PCT			X
	WO 2004/068964	19.08.2004	PCT			X
	WO 2004/068965	29.04.2004	PCT			X
	WO 94/11441	26.05.94	PCT			X
	WO 94/14331	07.07.94	PCT			X
	EP0427185; 1991-05-15; Abstract Only; 1 page					
	JP 08-196214; 06.08.1996; Abstract Only; 2 pages					
	JP 09-047226; 18.02.1997; Abstract Only; 1 page					
	<b>OTHER INFORMATION</b> (including author, title, date, pertinent)					
	Manly et al., "Substances Capable of Decreasing the Acid Solubility of Tooth Enamel", J. Dent. Res., 1949, Vol. 28, No. 2, pages 160-171					
	Martindale, The Extra Pharmacopoeia, 28 <sup>th</sup> Edition, 1982, pages 547-548					
	Food and Drug Administration, CFR, Title 21, Section 172.615 as "Masticatory Substances of Natural Vegetable Origin"					
	Odian, G., "Principles of Polymerization", 3 <sup>rd</sup> Edition, Wiley-Interscience, New York, NY 1991, pages 17-19					
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>		
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